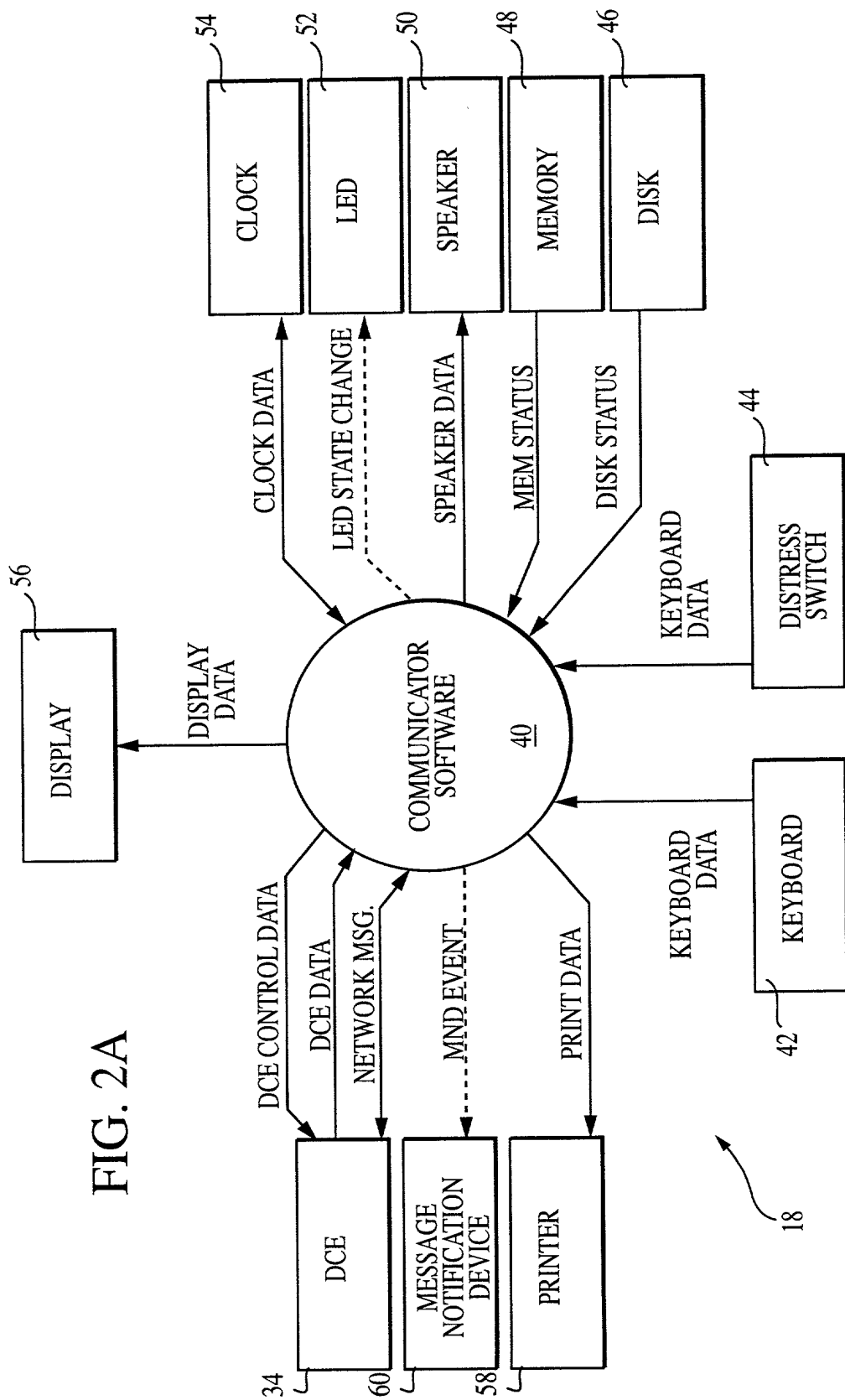


FIG. 1



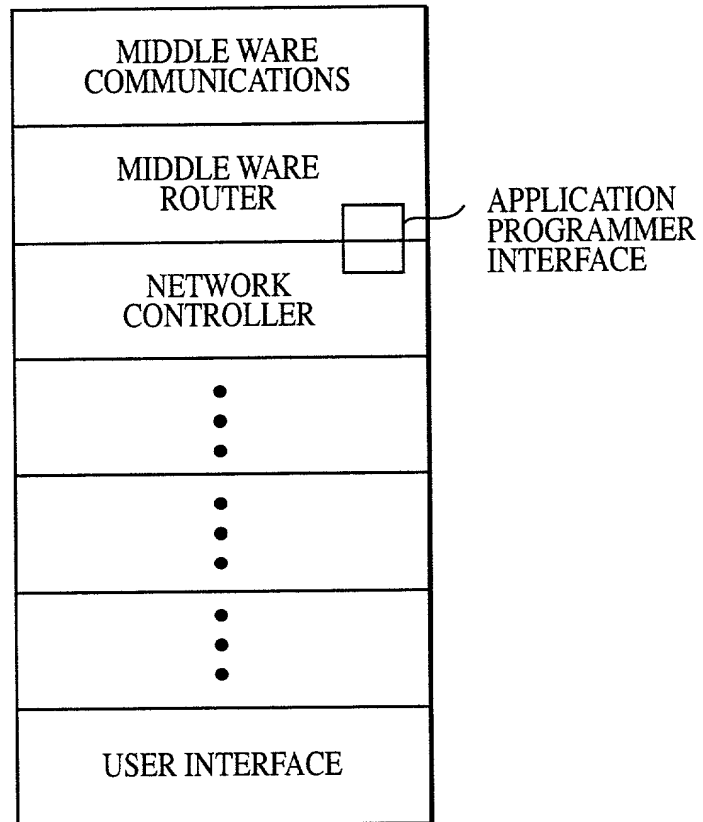


FIG. 2B

4/26

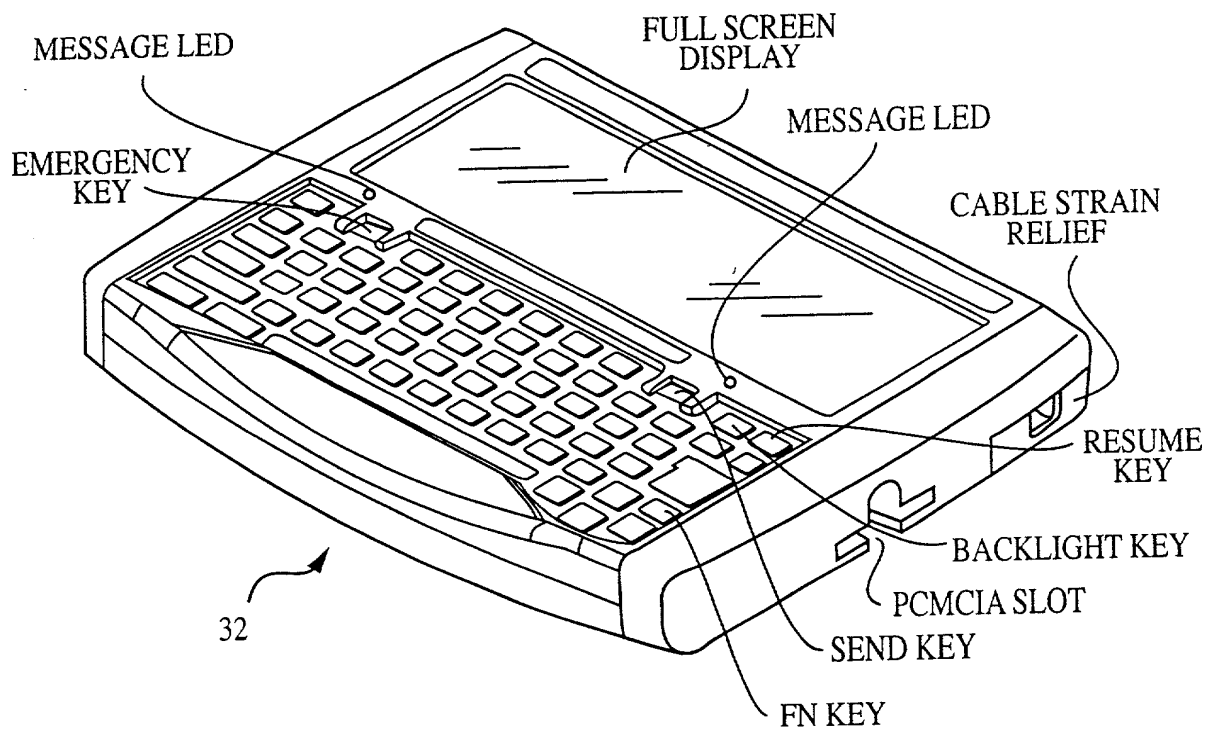


FIG. 3A

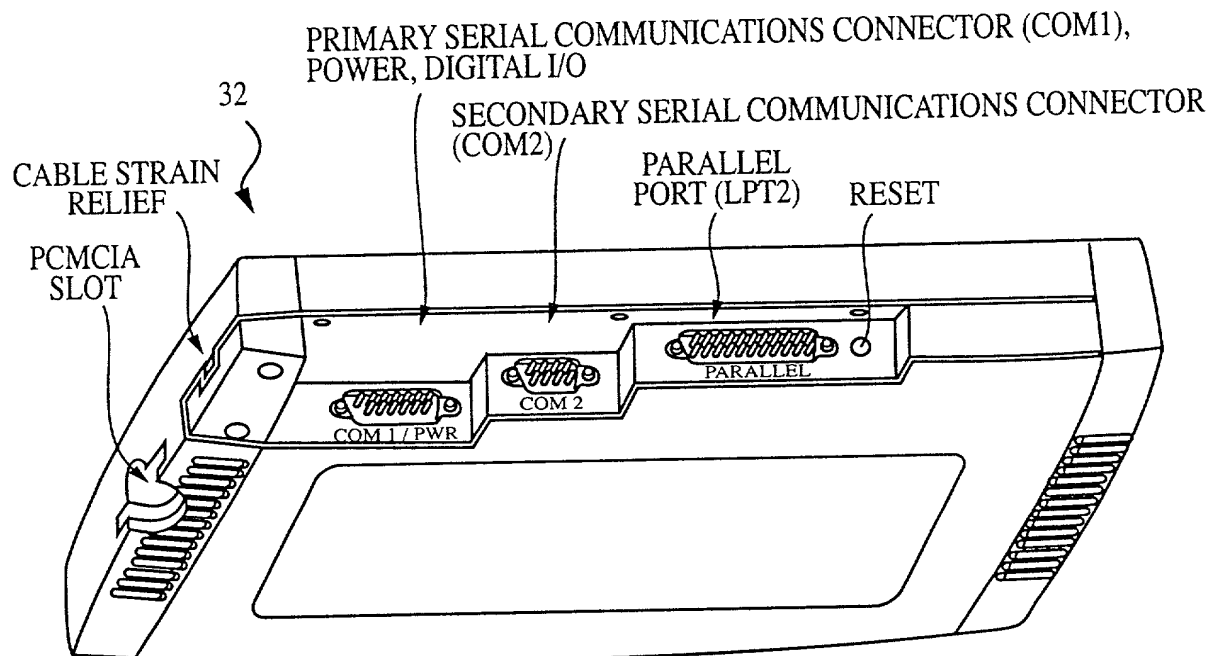


FIG. 3B

TOP SECRET



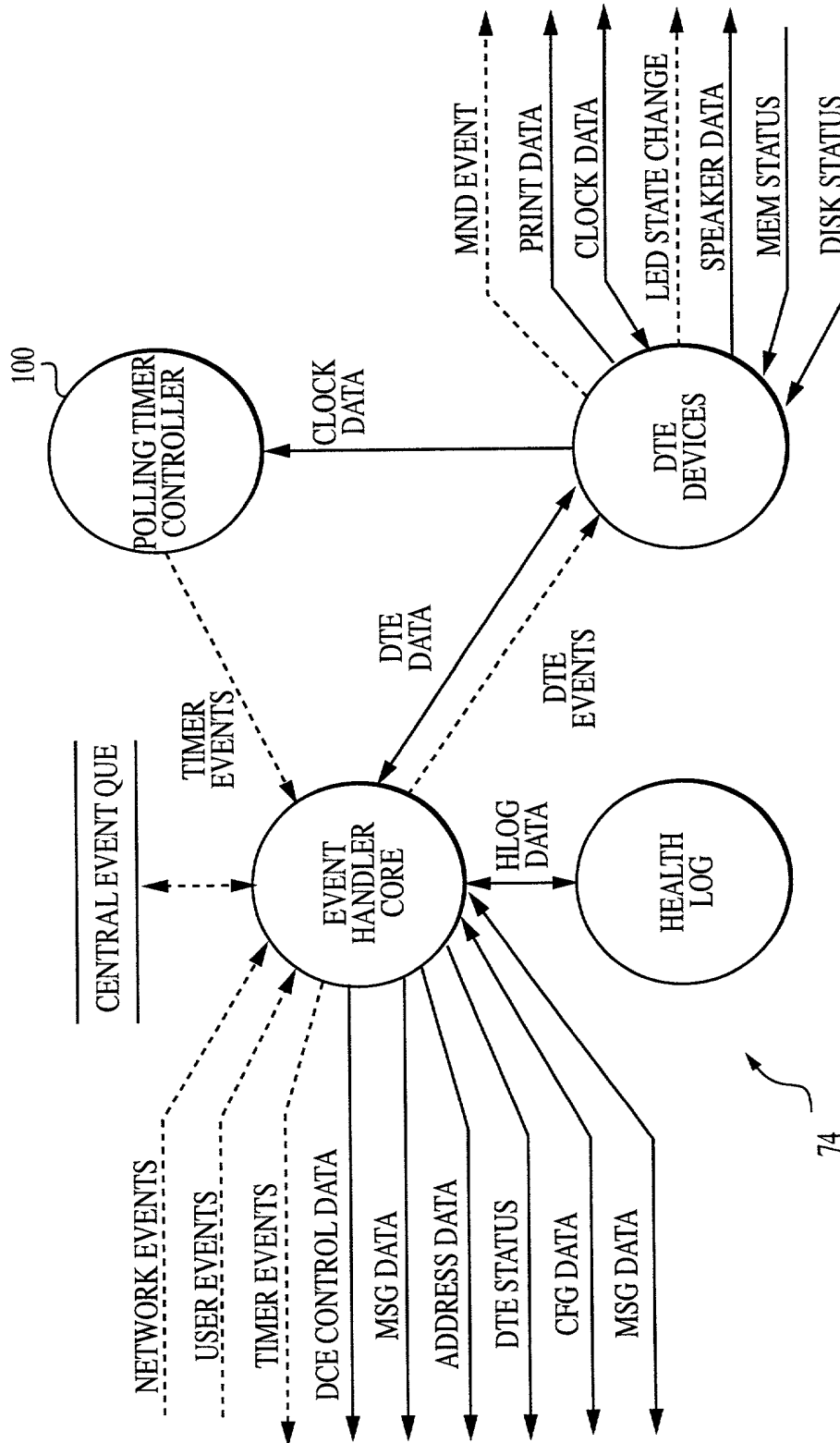


FIG. 5

7/26

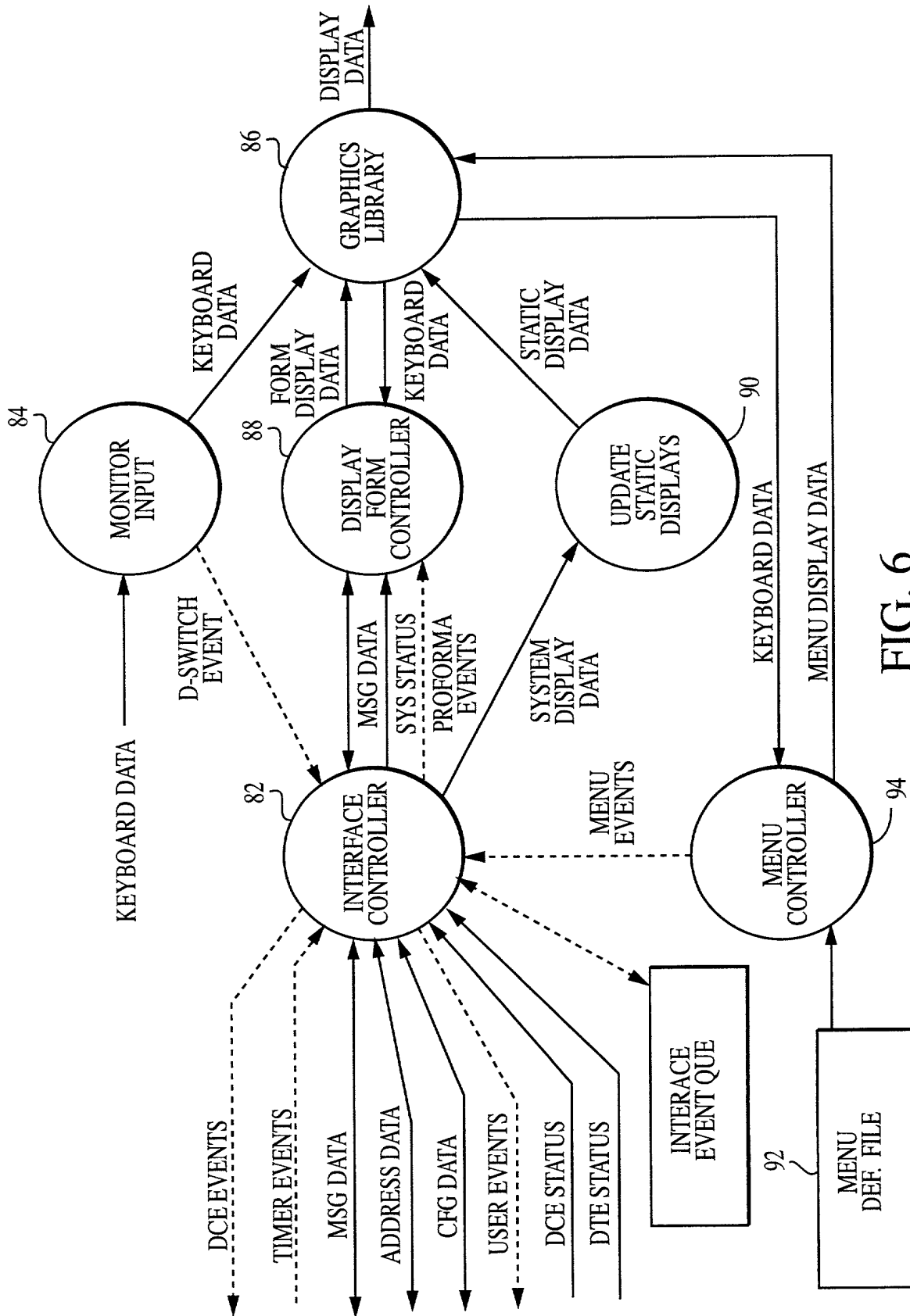


FIG. 6

8/26

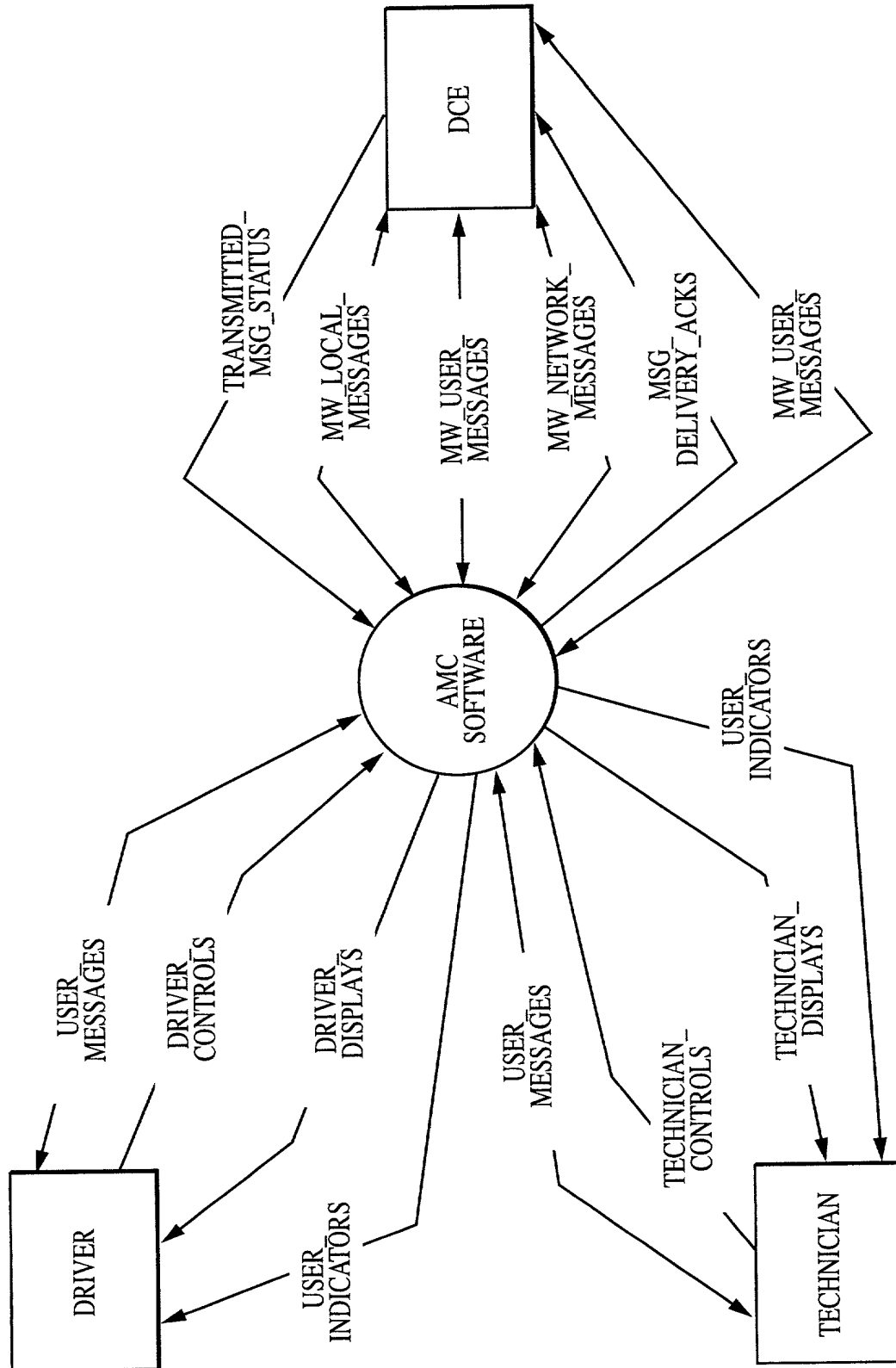


FIG. 7A



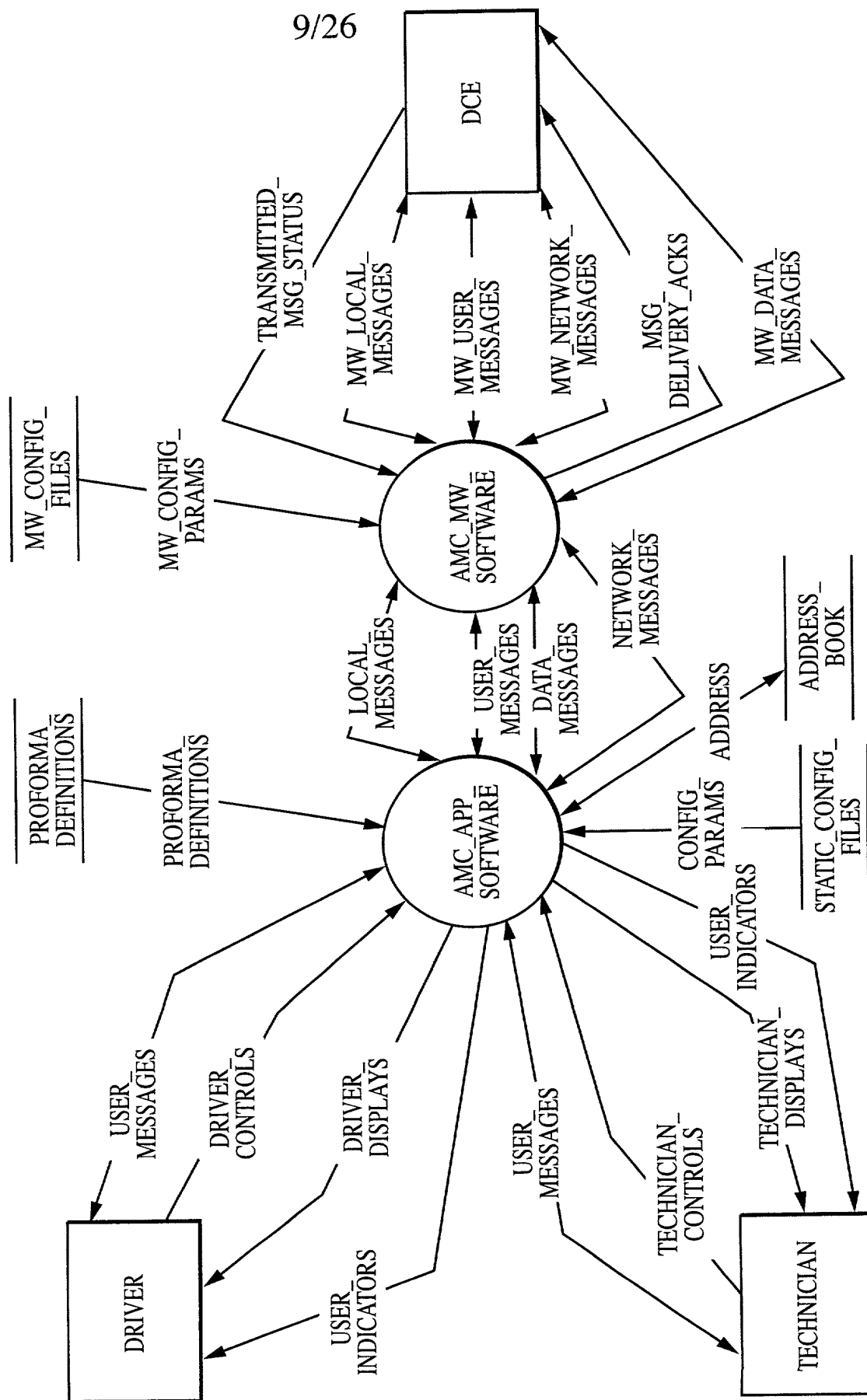


FIG. 8-1

AMERICAN MOBILE SATELLITE CORPORATION (AMSC)  
MOBILE MESSAGING SERVICE (MMS)

USERNAME: \_\_\_\_\_  
PASSWORD: \_\_\_\_\_

LOGON SCREEN

FIG. 8-2

QUICK SENDMESSAGEMESSAGE LOGSADDRESSTRANSCIVERTERMINAL

AMERICAN MOBILE SATELLITE CORPORATION (AMSC)  
MOBILE MESSAGING SERVICE (MMS)

UNREAD: 3; SENDING: 2MAIN MENU  
STATUS MESSAGES ARE DISPLAYED HERE04/08/95 - 12:24PM EST

MAIN MENU SCREEN

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
FREQ USE 1	AMERICAN MOBILE SATELLITE CORPORATION (AMSC)				
FREQ USE 2	MOBILE MESSAGING SERVICE (MMS)				
FREQ USE 3					
FREQ USE 4					
FREQ USE 5					
FREQ USE 6					
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

MAIN MENU SCREEN - QUICK SEND

11/26

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
E)ENTER	ENTER	CATEGORY 1	CAT. 1 MSG 1	CATEGORY 1 MSG 2	
S)END	END	CATEGORY 2	CAT. 1 MSG 2	CATEGORY 1 MSG 2	
C)LEAR	LEAR	CATEGORY 3	CAT. 1 MSG 2	CATEGORY 1 MSG 2	
D)ELETE	ELETE	CATEGORY 1 MSG 2			
ED(I)T	EDIT	CATEGORY 1 MSG 2			
P)RINT	PRINT	CATEGORY 1 MSG 2			
R)EPLY	REPLY	CATEGORY 1 MSG 2			
S(A)VE	SAVE	CATEGORY 1 MSG 2			
V)IEW MRNs	VIEW MRNs	CATEGORY 1 MSG 2			
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

MAIN MENU SCREEN - MESSAGE - ENTER

FIG. 8-4

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE MOBILE MESSAGING SERVICE (AMSC)		P)RINT VIEW I)NCOMING VIEW O)UTGOING VIEW S)AVED VIEW N)ETWORK	AMERICAN MOBILE SATELLITE MOBILE MESSAGING SERVICE (AMSC)		
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

MAIN MENU SCREEN - MESSAGE LOGS

12/26

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE MOBILE MESSAGING SERVICE (AMSC)		E)NTER S)ELECT SET D)EFAULT N (AMSC)	AMERICAN MOBILE SATELLITE MOBILE MESSAGING SERVICE (AMSC)		
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

MAIN MENU SCREEN - ADDRESS

FIG. 8-6

FIG. 8-7

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORA MOBILE MESSAGING SERVICE (M				C)OMMAND M)ONITOR S)HOW CONFIG. Δ SHOW E)EVENTS C(O)NFIGURE	G)ENERAL DATA R)EPORTS D)NID MON# LIST E)NID LIST T)DM LIST
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					

MAIN MENU SCREEN - TRANSCEIVER - SHOW CONFIG

13/26

FIG. 8-8

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORA MOBILE MESSAGING SERVICE (M				C)OMMAND M)ONITOR S)HOW CONFIG. Δ SHOW E)EVENTS C(O)NFIGURE	Q)UERY PVT S)POT BEAM ROAM DATA R)EPORT D)ISTRESS ALERT F)ORCED CLEAR INITIATE P)VT MANUAL LOG(I)N MANUAL LOG(O)UT
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					

MAIN MENU SCREEN - TRANSCEIVER - COMMAND

Q)UICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORATION (AMSC) MOBILE MESSAGING SERVICE (MMS)					A)BOUT C)ONFIGURE S)HOW CONFIGURE L)OGOFF
					F)UNCTION KEYS T)IME ZONE
UNREAD: 3; SENDING: 2		MAIN MENU			
STATUS MESSAGES ARE DISPLAYED HERE					04/08/95 - 12:24PM EST

FIG. 8-9

14/26

MAIN MENU SCREEN - TERMINAL - CONFIGURE

Q)UICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
TO: SALLY      MESSAGE TYPE : LOAD PICKUP					
TRAILER NUMBER : 24593 TONS : 12 MATERIAL : 13,000 AMSC MOBILE COMMUNICATORS					
UNREAD: 3; SENDING: 2		ENTER MESSAGE		PAGES 1 OF N	
STATUS MESSAGES ARE DISPLAYED HERE					

FIG. 8-10

ENTER MESSAGE SCREEN

FIG. 8-11

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
UNREAD PRIORITY FROM		MESSAGE TYPE	DATE/TIME RECEIVED	REPLY RQD.	
•	HIGH	JANE	DIRECTIONS	03/20/95 - 11:23 AM EST	
•	MED	SAM	DELAY	03/21/95 - 03:15 PM EST	•
•	MED	JOE	ROUTING	03/21/95 - 09:30 AM EST	
	MED	PAMELA	DIRECTIONS	03/22/95 - 10:49 AM EST	•
	MED	SUZZANNA	PICK UP	03/20/95 - 11:23 AM EST	
UNREAD: 3; SENDING: 2		INCOMING MESSAGE LOG			
STATUS MESSAGES ARE DISPLAYED HERE					

INCOMING MESSAGE LOG SCREEN

FIG. 8-12

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
TO: TRUCK1		MESSAGE TYPE : DIRECTIONS		REPLY RQD: Y	
FROM: PAMELA		TIME RCVD : 03/22/95 - 10:49 AM EST		LOG: INCOMING	
DIRECTIONS : TURN LEFT ONTO SUNSET HILLS RD. TURN RIGHT ONTO HUNTER MILL RD. TURN RIGHT ONTO SUNRISE VALLEY DR. TURN RIGHT ONTO PARKRIDGE BLVD.					
UNREAD: 3; SENDING: 2		VIEW MESSAGE		PAGES 1 OF N	
STATUS MESSAGES ARE DISPLAYED HERE					

VIEW MESSAGE SCREEN - INCOMING MESSAGE

FIG. 8-13

QUICK SEND	M)ESSAGE	MESSAGE L)OGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
TO: SALLY	MESSAGE TYPE : LOAD PICKUP	REPLY RQD: N			
FROM: TRUCK1	TIME RCVD : 03/22/95 - 08:30 AM EST	LOG:			OUTGOING
TRAILER NUMBER: 24593					
TONS: 12					
MATERIAL: 13,000 AMSC MOBILE COMMUNICATORS					
UNREAD: 3; SENDING: 2		VIEW MESSAGE		PAGE 1 OF N	
STATUS MESSAGES ARE DISPLAYED HERE					

VIEW MESSAGE SCREEN - OUTGOING MESSAGE

FIG. 8-14

QUICK SEND	M)ESSAGE	MESSAGE L)OGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
TO: TRUCK1	MESSAGE TYPE : DIRECTIONS	REPLY RQD: Y			
FROM: PAMELA	TIME RCVD : 03/22/95 - 10:49 AM EST	LOG:			INCOMING
DIRECTIONS : TURN LEFT ONTO SUNS					
TURN RIGHT ONTO HUI					
TURN RIGHT ONTO SUN					
TURN RIGHT ONTO PAR					
UNREAD: 3; SENDING: 2		VIEW MRNs			
STATUS MESSAGES ARE DISPLAYED HERE					

VIEW MRNs SCREEN



FIG. 8-15

QUICK SEND		MESSAGE		MESSAGE LOGS		ADDRESS		TRANSCIVER		TERMINAL	
TO		MESSAGE TYPE		DATE/TIME SENT		DELIVERY STATUS					
SALLY		LOAD PICKUP		03/22/95 - 08:30 AM EST		AWAITING CONFIRMATION					
CLIFF		LOAD PICKED UP		03/21/95 - 03:15 PM EST		FAILED - SS/RR					
DISPI		EMPTY FUEL		03/21/95 - 09:30 AM EST		COMPLETE					
TODD		LOAD OVERWEIGHT		03/20/95 - 04:13 PM EST		COMPLETE					
ANGELA		NO TRAILER		03/20/95 - 11:23 AM EST		COMPLETE					
UNREAD: 3; SENDING: 2		OUTGOING MESSAGE LOG									
STATUS MESSAGES ARE DISPLAYED HERE											

OUTGOING MESSAGE LOG SCREEN

FIG. 8-16

QUICK SEND		MESSAGE		MESSAGE LOGS		ADDRESS		TRANSCIVER		TERMINAL	
PRIORITY		FROM		MESSAGE TYPE		DATE/TIME RECEIVED		REPLY REQUIRED			
HIGH		SUE		DIRECTIONS		03/22/95 - 11:23 AM EST					
MED		BOB		ROUTING		03/21/95 - 09:30 AM EST					
MED		ANN		DIRECTIONS		03/21/95 - 08:13AM EST					
UNREAD: 3; SENDING: 2		SAVED MESSAGE LOG									
STATUS MESSAGES ARE DISPLAYED HERE											

SAVED MESSAGE LOG SCREEN

FIG. 8-17

QUICK SEND		MESSAGE		MESSAGE LOGS		ADDRESS		TRANSCIVER		TERMINAL	
TO	FROM	MESSAGE TYPE	DATE/TIME SENT/RECEIVED	DELIVERY STATUS							
NMS	NMS	CONFIG REQUEST	03/22/95 - 11:23 AM EST	COMPLETE							
NMS	NMS	PVT REQUEST	03/21/95 - 03:15 PM EST	COMPLETE							
NMS	NMS	INIT PVT	03/21/95 - 09:30 AM EST	COMPLETE							
NMS	NMS	PVT RESULTS	03/20/95 - 04:13 PM EST	COMPLETE							
NMS	NMS	CONFIG REQUEST	03/20/95 - 11:23 AM EST	COMPLETE							
UNREAD: 3; SENDING: 2		NETWORK MESSAGE LOG									
STATUS MESSAGES ARE DISPLAYED HERE											

NETWORK MESSAGE LOG SCREEN

FIG. 8-18

QUICK SEND		MESSAGE		MESSAGE LOGS		ADDRESS		TRANSCIVER		TERMINAL	
TO: SALLY	MESSAGE TYPE: LOAD PICKUP										
TRAILER NUMBER	24593										
TONS	12										
MATERIAL	13,000										
ADDRESS : NEW_ADDRESS											
UNREAD: 3; SENDING: 2		ENTER ADDRESS									
STATUS MESSAGES ARE DISPLAYED HERE											
04/08/95 - 12:24PM EST											

ENTER ADDRESS SCREEN

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
TO: SALLY      MESSAGE TYPE: LOAD PICKUP					
TRAILER NUMBER    24593 TONS                12 MATERIAL           13,000		ADDRESS : NEW_ADDRESS <div>VALUE 1 VALUE 2 VALUE 3 VALUE 4 VALUE 5 VALUE 6</div>			
UNREAD: 3; SENDING: 2		SELECT ADDRESS			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

SELECT ADDRESS SCREEN

FIG. 8-19

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
ADDRESS <div>VALUE 1 VALUE 2 VALUE 3 VALUE 4 VALUE 5 VALUE 6</div>					
UNREAD: 3; SENDING: 2		SELECT DEFAULT ADDRESS			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

SELECT DEFAULT ADDRESS SCREEN

FIG. 8-20

FIG. 8-21

QUICK SEND	M)MESSAGE	MESSAGE L)OGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
MODEL #	XXX		LES STATUS	XXX	
MODEL TYPE	XXX			XXX	
STANDARD-C S/N	XXX			XXX	
HARDWARE S/N	XXX			XXX	
FIRMWARE REV #	XXX			XXX	
MOBILE ID	XXX				
UTC DATE	XXX				
UTC TIME	XXX				
POSITION : 35:42:53N 077.25.18W AGE: 1:23 MIN		SCREEN UPD. RATE : 10 SEC.			
TRNCVR EVENT XXX					
UNREAD: 3; SENDING: 2		MONITOR TRANSCEIVER STATUS		PAGE 1 OF 2	
STATUS MESSAGES ARE DISPLAYED HERE					

MONITOR TRANSCEIVER STATUS SCREEN - PAGE 1

FIG. 8-22

QUICK SEND	M)MESSAGE	MESSAGE L)OGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
LAST FRAME #	XXX		COURSE	XXX	
HHER	XXX		SPEED	XXX	
SIGNAL STR.	XXX		TDM ID	XXX	
LOCKED STATE	XXX		TDM FREQ.	XXX	
ACTIVITY	XXX		% DTE RAM USED	XXX	
LOG-IN STATE	XXX		% DTE MEM USED	XXX	
POSITION : 35:42:53N 077.25.18W AGE: 1:23 MIN		SCREEN UPD. RATE : 10 SEC.			
TRNCVR EVENT XXX					
UNREAD: 3; SENDING: 2		MONITOR TRANSCEIVER STATUS		PAGE 2 OF 2	
STATUS MESSAGES ARE DISPLAYED HERE					

MONITOR TRANSCEIVER STATUS SCREEN - PAGE 2

FIG. 8-23

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
MOBILE # : TRNS PKT LIMIT: LOGIN MODE: MT MODE: OUT OF SRV. MODE: DCE ALARMS: DTE ALARMS: SIG. FEEDBACK: DIAG. FEEDBACK:		XXX XXX AUTO SPOT STD-C ENABLED ENABLED DISABLED DISABLED	LWR SIG. STR. UPR SIG. STR. SIG LOSS/SCN TIME SCAN INTERVAL MESSAGE ROUTING PWR UP/DWN RPTS BRST RETRY # BRST UNC RTRY # PWR DOWN TIMER	XXX XXX XXX XXX DTE/PORT DISABLED XXX XXX XXX	
UNREAD: 3; SENDING: 2		TRANSCIEVER CONFIGURATION			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

TRANSCIEVER CONFIGURATION SCREEN

FIG. 8-24

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
PARAMETER NAME GOES HERE		<div>VALUE 1 VALUE 2 VALUE 3 VALUE 4 VALUE 5 VALUE 6</div>			
UNREAD: 3; SENDING: 2		TRANSCIEVER LIST CONFIGURATION			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

TRANSCIEVER LIST  
CONFIGURATION SCREEN

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORATION (AMSC)					
DATA REPORT ID : DATA_REPORT_ID					
UNREAD: 3; SENDING: 2					
ENTER DATA REPORT IDENTIFIER					
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

ENTER DATA REPORT IDENTIFIER SCREEN

QUICK SEND	MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORATION (AMSC)					
TDM CHANNEL ID : TDM_CHANNEL_ID					
UNREAD: 3; SENDING: 2					
LOGIN TRANSCEIVER					
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

LOGIN TRANSCEIVER SCREEN

FIG. 8-25

FIG. 8-26



QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
AMC SOFTWARE VERSION : 1:0 DATA TERMINAL MODEL : OMNIDATA RDT-2000 TRANSCEIVER MODEL : TRIMBLE GALAXY CUSTOMER SERVICE : 1-800-XXX-XXXX					
THE AMSC MOBILE COMMUNICATOR SOFTWARE USES THE QUICKWINDOWS ADVANCED USER INTERFACE LIBRARY WHICH IS COPYRIGHTED 1992 BY SOFTWARE INTERPHASE, INC.					
UNREAD: 3; SENDING: 2		ABOUT TERMINAL			
STATUS MESSAGES ARE DISPLAYED HERE					

ABOUT TERMINAL SCREEN

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
TIME ZONE CDT CST KDT KST MDT MST					
UNREAD: 3; SENDING: 2		SELECT TIME ZONE			
STATUS MESSAGES ARE DISPLAYED HERE					

SELECT TIME ZONE SCREEN

FIG. 8-29

FIG. 8-30



FIG. 8-31

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
ADDR MODE:		XXX	DISP UPD INT	XXX	
CUST. SERV. NUM:		1-800-XXX-XXXX	FXKD MSG PRIOR	XXX	
DEF MOBILE ALIAS		XXXXXXXXXX	HLTH LOG UPD INT	XXX	
DEF DEST. ADDR. VAL:		XXX	HLTH RPT DNID	XXX	
DEF DEST. ADDR. VAL:		XXX	HLTH RPT MSNS	XXX	
DEF NMS ADDR. VAL:		XXX	LOGON REQUIRED	XXX	
DEF NMS ADDR. TYPE:		XXX	MSG CHIRP INT	XXX	
DEF TIME ZONE		XXX	MSG CHIRP SQUELCH	ENABLED	
DEF DATA ADDR. VAL:		XXX			
DEF DATA ADDR. TYPE:		XXX			
UNREAD: 3; SENDING: 2			TERMINAL CONFIGURATION		PAGE 1 OF 2
STATUS MESSAGES ARE DISPLAYED HERE					

TERMINAL CONFIGURATION SCREEN - PAGE 1

FIG. 8-32

QUICK SEND	M)MESSAGE	MESSAGE LOGS	A)ADDRESS	T)RANSCEIVER	T(E)RMINAL
MX AUTO DATA AGE:		XXX	MX OML MSGS:	XXX	
MX HLTH LOG ST:		XXX	MX RAM ADDR:	XXX	
MX IML MSGS		XXX	MX SML SIZE:	XXX	
MX IML SIZE		XXX	MX SML MSGS:	XXX	
MX NML MSGS		XXX	MX MSG LEN:	XXX	
MX NML SIZE		XXX	OUT MSG ACK LVL:	XXX	
MX OPER SPEED		XXX	OUT MSG LIVE TIME	XXX	
MX OML SIZE		XXX			
MX DATA MSGS:		XXX			
MX DATA SIZE		XXX			
UNREAD: 3; SENDING: 2			TERMINAL CONFIGURATION		PAGE 2 OF 2
STATUS MESSAGES ARE DISPLAYED HERE					

TERMINAL  
CONFIGURATION SCREEN  
PAGE 2

FIG. 8-33

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORATION (AMSC)					
ALERT : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
UNREAD: 3; SENDING: 2		ALERT			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

ALERT SCREEN

FIG. 8-34

QUICK SEND	M)ESSAGE	MESSAGE LOGS	A)DDRESS	T)RANSCEIVER	T(E)RMINAL
AMERICAN MOBILE SATELLITE CORPORATION (AMSC)					
PROMPT : DO YOU XXXXXXXXXXXXXXXXXXXXXXXX? PLEASE PRESS Y)ES OR N)O					
UNREAD: 3; SENDING: 2		PROMPT			
STATUS MESSAGES ARE DISPLAYED HERE					
04/08/95 - 12:24PM EST					

PROMPT SCREEN